

9-7-61 I called Mr. Johnson of E. City Oil and ask them about the 40' off spacing of this well. Mr. Johnson stated that there was a ridge and a gulley and in order not to get it on the ridge they had to drill the well the 40' off.

RLS

FILED IN

1 in NID File ☒  
 Encl. 12 R Sheet ☒  
 Location Map Pinned ☒  
 Card Indexed ☒  
 TWR for State or Fee Land ☐

Checked by Chief ☒  
 Copy NID to Field Office ☒  
 Approval Letter ☒  
 Disapproval Letter ☐

COMPLETION DATA:

Date Well Completed 11-14-61  
 OW \_\_\_\_\_ WW \_\_\_\_\_ TA \_\_\_\_\_  
 GW \_\_\_\_\_ OS \_\_\_\_\_ PA ☒

Location Inspected hlc  
 Bond released \_\_\_\_\_  
 State of Fee Land \_\_\_\_\_

LOGS FILED

Driller's Log 12-21-61  
 Electric Logs (No. 1)

E \_\_\_\_\_ L \_\_\_\_\_ E-1 \_\_\_\_\_ GR \_\_\_\_\_ GR-N ☒ Micro \_\_\_\_\_  
 Lat \_\_\_\_\_ Mi-L \_\_\_\_\_ Sonic \_\_\_\_\_ Others \_\_\_\_\_

	16	
		01

**STATE OF UTAH**  
**OIL & GAS CONSERVATION COMMISSION**  
 SALT LAKE CITY, UTAH

Fee and Patented.....☐  
 State .....☒  
 Lease No. ML 4203.....  
 Public Domain .....☐  
 Lease No. ....  
 Indian .....☐  
 Lease No. ....

## SUNDRY NOTICES AND REPORTS ON WELLS

Notice of Intention to Drill.....	x	Subsequent Report of Water Shut-off.....	
Notice of Intention to Change Plans.....		Subsequent Report of Altering Casing.....	
Notice of Intention to Redrill or Repair.....		Subsequent Report of Redrilling or Repair.....	
Notice of Intention to Pull or Alter Casing.....		Supplementary Well History.....	
Notice of Intention to Abandon Well.....			

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

September 25, 1961

Well No. State 1 is located 1780 ft. from {W} line and 630 ft. from {E} line of Sec. 16

NE 1/4 SE 1/4 Sec. 16      16 S      12 E      SLM  
 (1/4 Sec. and Sec. No.)      (Twp.)      (Range)      (Meridian)

Wildcat      Emery      Utah  
 (Field)      (County or Subdivision)      (State or Territory)

The elevation of the ~~derrick floor~~ <sup>ground</sup> above sea level is 5557 feet.

A drilling and plugging bond has been filed with State Land Board

### DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important work, surface formation, and date anticipate spudding-in.)

Well to start in the Morrison and is being drilled to test the Moenkopi at approximately 3500'. Will set approximately 100' of 10-3/4", 32.75#, H-40 casing and cement to surface. Drill 9" hole to approximately 3000', run 7", 20#, J-55 or heavier casing and cement. Will drill from casing point to approximately 3550' and test any shows encountered. Anticipated spudding date approximately October 4, 1961.

I understand that this plan of work must receive approval in writing by the Commission before operations may be commenced.

Company Equity Oil Company DA 2-0429

Address 806 American Oil Bldg. By [Signature]  
Salt Lake City, Utah Title Engineer

INSTRUCTIONS: A plat or map must be attached to this form showing the location of all leases, property lines, drilling and producing wells, within an area of sufficient size so that the Commission may determine whether the location of the well conforms to applicable rules, regulations and orders.

R 12 E

T  
16  
S

16

+  
• Equity Oil  
#1 State  
1780' FSL  
630' FEL  
5557' C.L.

16°

Sec. Cor.  
5608' EL.

LOCATION PLAT  
Equity Oil Company Well No.1 State  
Section 16, 16S - 12E Emery Co. Utah

Scale: 1" = 500'

**September 29, 1961**

**Equity Oil Company  
806 American Oil Bldg.  
Salt Lake City, Utah**

**Attn: C. E. Johnson, Engineer**

**Gentlemen:**

**This is to acknowledge receipt of your notice of intention to drill Well No. State #1, which is to be located 1780 feet from the south line and 630 feet from the east line of Section 16, Township 16 South, Range 12 East, SLEH, Emery County, Utah.**

**Please be advised that approval to drill said well on said unorthodox location is hereby granted under Rule C-3(c), General Rules and Regulations and Rules of Practice and Procedure, Oil and Gas Conservation Commission. This approval is conditional, however, upon a plat being submitted in accordance with Rule C-4.**

**Please take note that should it be necessary to plug and abandon said well you are hereby requested to give advance notice of the date and time said plugging will take place to one of the following named individuals, by phone or otherwise, in order that our petroleum engineer may be present to inspect the manner in which the well is being plugged:**

**ROBERT L. SCHMIDT, Chief Petroleum Engineer  
Office Phone: DA 8-5771      Home Phone: AM 6-8616  
CLEON B. FEIGHT, Executive Secretary  
Office Phone: DA 8-5771      Home Phone: HU 5-2721**

**All other forms of communication should be directed to the Utah Oil and Gas Conservation Commission at 310 Newhouse Building, Salt Lake City, Utah.**

**Yours very truly,**

**OIL & GAS CONSERVATION COMMISSION**

**CLEON B. FEIGHT  
EXECUTIVE SECRETARY**

**CBF:cop  
cc: State Land Board**

# EQUITY OIL COMPANY

806 UTAH OIL BUILDING  
SALT LAKE CITY 1, UTAH

October 2, 1961

Oil & Gas Conservation Commission  
of the State of Utah  
310 New House Building  
Salt Lake City, Utah

Attention: Mr. Schmidt

Gentlemen:

Reference is made to the proposed location for our No. 1 State well (Section 16-16S-12E, Emery County, Utah) and your telephone conversation with our Mr. Lynn Dougan this morning.

Because of the local topography, it was not feasible to spot the location of the well in the center of the 40-acre tract, and as a result it was spotted at the nearest logical point which is 200' south and 30' east of the center of the NE $\frac{1}{4}$ SE $\frac{1}{4}$  of Section 16.

Yours very truly,

EQUITY OIL COMPANY



W. Glenn Culver  
Chief Geologist

WGC/akc

# EQUITY OIL COMPANY

806 UTAH OIL BUILDING  
SALT LAKE CITY 1, UTAH  
October 3, 1961


Mr. Cleon B. Feight  
Executive Secretary  
Oil & Gas Conservation Commission  
of the State of Utah  
310 Newhouse Building  
Salt Lake City 11, Utah

Dear Sir:

In accordance with your letter of September 29th,  
we are enclosing a plat of the location of our pro-  
posed No. 1 State well which is to be located in  
NE $\frac{1}{4}$ SE $\frac{1}{4}$  of Section 16, T 16 S, R 12 E, Emery County  
Utah.

Yours very truly,

EQUITY OIL COMPANY

  
C. E. Johnson

akc

Enclosure

W

STATE OF UTAH  
OIL & GAS CONSERVATION COMMISSION

### Salt Lake City 14, Utah

## REPORT OF OPERATIONS AND WELL STATUS REPORT

State Utah County Emery Field or Lease Wildcat

The following is a correct report of operations and production (including drilling and producing wells) for

.....October....., 19 61.

Agent's address 806 American Oil Building

Company Equity Oil Company

Salt Lake City 1, Utah

Signed C E Johnson

Phone DAvis 20429

Agent's title Engineer

State Lease No. ML 4203 Federal Lease No. \_\_\_\_\_ Indian Lease No. \_\_\_\_\_ Fee & Pat. ☐

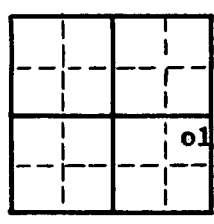
Sec. & ¼ of ¼	Twp.	Range	Well No.	*Status	Oil Bbls.	Water Bbls.	Gas MCF's	REMARKS (If drilling, Depth; if shut down, Cause; Date & Results of Water Shut-Off Test; Contents of Gas; and Gas-Oil Ratio Test)
NE ¼ SE ¼ Sec. 16	16S	12E	1					Drilling at 2740' at 8 AM 11/1/61.

**NOTE: Report on this form as provided for in Rule C-22. (See back of form.)**

FILE IN DUPLICATE

**\*STATUS:** F-Flowing P-Pumping GL-Gas Lift  
SI-Shut In D-Dead  
GI-Gas Injection TA-Temp. Aban.  
WI-Water Injection





STATE OF UTAH  
OIL & GAS CONSERVATION COMMISSION  
SALT LAKE CITY, UTAH

Fee and Patented.....☐  
State .....☐  
Lease No. ....  
Public Domain .....☐  
Lease No. ....  
Indian .....☐  
Lease No. ....

SUNDRY NOTICES AND REPORTS ON WELLS

Notice of Intention to Drill.....		Subsequent Report of Water Shut-off.....	
Notice of Intention to Change Plans.....		Subsequent Report of Altering Casing.....	
Notice of Intention to Redrill or Repair.....		Subsequent Report of Redrilling or Repair.....	
Notice of Intention to Pull or Alter Casing.....		Supplementary Well History.....	
Notice of Intention to Abandon Well.....		Report of setting casing.....	x

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

November 7, 1961

Well No. 1 is located 1780 ft. from {N/S} line and 630 ft. from {E/W} line of Sec. 16  
NE 1/4 Sec. 16 16 S 12 E SLM  
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)  
Wildcat Emery Utah  
(Field) (County or Subdivision) (State or Territory)

The elevation of the ~~derrick floor~~ <sup>ground</sup> above sea level is 5557 feet.

A drilling and plugging bond has been filed with State Land Board

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important work, surface formation, and date anticipate spudding-in.)

Drilled 13-3/4" hole to 113' and set 10-3/4", 32.75#, H-40 at 111'. Cemented with 70 sacks of cement (cemented to surface). Drilled 9" hole to 3107' and set 7", 20# & 23# J-55 casing at 3106 and cemented with 222 sacks of cement. Plan to drill out from under 7" casing with 6-1/8" bit using air as circulating medium.

I understand that this plan of work must receive approval in writing by the Commission before operations may be commenced.

Company Equity Oil Company  
Address 806 American Oil Bldg.  
Salt Lake City 1, Utah  
By [Signature]  
Title Engineer

INSTRUCTIONS: A plat or map must be attached to this form showing the location of all leases, property lines, drilling and producing wells, within an area of sufficient size so that the Commission may determine whether the location of the well conforms to applicable rules, regulations and orders.

(SUBMIT IN DUPLICATE)

LAND:

	16	
		ol

**STATE OF UTAH**  
**OIL & GAS CONSERVATION COMMISSION**  
 SALT LAKE CITY, UTAH

Fee and Patented.....☐  
 State .....☒  
 Lease No. ....  
 Public Domain .....☐  
 Lease No. ....  
 Indian .....☐  
 Lease No. ....

## SUNDRY NOTICES AND REPORTS ON WELLS

Notice of Intention to Drill.....	XX	Subsequent Report of Water Shut-off.....
Notice of Intention to Change Plans.....		Subsequent Report of Altering Casing.....
Notice of Intention to Redrill or Repair.....		Subsequent Report of Redrilling or Repair.....
Notice of Intention to Pull or Alter Casing.....		Supplementary Well History.....
Notice of Intention to Abandon Well.....		

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

November 14, 1961

Well No. 1 is located 1780 ft. from {X} S line and 630 ft. from {E} line of Sec. 16

NE SE Sec. 16      16 S      12 E      SLM  
 (¼ Sec. and Sec. No.)      (Twp.)      (Range)      (Meridian)

Wildcat      Emery      Utah  
 (Field)      (County or Subdivision)      (State or Territory)

The elevation of the derrick floor above sea level is 5565 feet.

A drilling and plugging bond has been filed with State Land Board

### DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important work, surface formation, and date anticipate spudding-in.)

Drilled to total depth of 3820'. Drill stem test of interval 3625 to 3820' recovered approximately 2500' of slightly salty, sulphur water. Propose plugging well by setting cement plug of 30 sacks at 3650', check free point and pull as much 7" casing as possible (7" casing set at 3106' K.B.). Set 40 sack plug at 160' and 10 sacks at surface, and install marker. Space between cement plugs to be left full of drilling mud.

(Verbal approval by phone for above plugging obtained from Robert L. Schmidt on November 13, 1961.)

I understand that this plan of work must receive approval in writing by the Commission before operations may be commenced.

Company Equity Oil Company

Address 806 American Oil Building By C. E. Johnson

Salt Lake City, Utah Title Engineer

INSTRUCTIONS: A plat or map must be attached to this form showing the location of all leases, property lines, drilling and producing wells, within an area of sufficient size so that the Commission may determine whether the location of the well conforms to applicable rules, regulations and orders.

## LOCATE WELL CORRECTLY

State Capitol Building  
Salt Lake City 14, Utah

# LOG OF OIL OR GAS WELL

Signed C. E. Johnson

Title Engineer

Commenced drilling ----- **October 2,** -----, 19 **61** Finished drilling ----- **November 5,** -----, 19 **61**

(Denote gas by G)

No. 1, from \_\_\_\_\_ to \_\_\_\_\_

No. 2, from \_\_\_\_\_ to \_\_\_\_\_

No. 3, from \_\_\_\_\_ to \_\_\_\_\_

No. 4, from \_\_\_\_\_ to \_\_\_\_\_

No. 5, from \_\_\_\_\_ to \_\_\_\_\_

No. 6, from \_\_\_\_\_ to \_\_\_\_\_

No. 1, from 27 to 28<sup>+</sup> (?)      No. 3, from 1904 to 1906  
No. 2, from 73 to 74<sup>+</sup> (?)      No. 4, from 3603 to 3605

[illegible]

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
10-3/4	111 KB	70 sacks	Plug		
7"	3106 KB	222 "	Plug		

Heaving plug—Material \_\_\_\_\_ Length \_\_\_\_\_ Depth set \_\_\_\_\_

Adapters—Material \_\_\_\_\_ Size \_\_\_\_\_

## SHOOTING RECORD

FOLD | MARK

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out

#### TOOLS USED

Rotary tools were used from .....0..... feet to .....3820..... feet, and from ..... feet to ..... feet

Cable tools were used from ..... feet to ..... feet, and from ..... feet to ..... feet

#### DATES

P & A 11/14/61

....., 19..... Put to producing ..... , 19.....

The production for the first 24 hours was ..... barrels of fluid of which .....% was oil; .....% emulsion; .....% water; and .....% sediment. Gravity, °Bé. ....

If gas well, cu. ft. per 24 hours ..... Gallons gasoline per 1,000 cu. ft. of gas .....

Rock pressure, lbs. per sq. in. ....

#### EMPLOYEES

W. W. Edmunds ..... , Driller L. M. Powers ..... , Driller

Dallas Goodrich ..... , Driller ..... , Driller

#### FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
<b>Sample &amp; Gamma Ray-Neutron Log Tops</b>			
Buckhorn	170	196	
Morrison	196	520	
Saltwash	520	653	
Summerville	653	1003	
Curtis	1003	1170	
Entrada	1170	1530	
Carmel	1530	1830	
Navajo	1830	2260	
Keyenta	2260	2310	
Wingate	2310	2708	
Chinle	2708	2934	
Shinarump	2939	2977	
Moenkopi	2977	TD	
Sinbad ls mbr	3618	3665	

[OVER]

At the end of complete Driller's Log, add Geologic Tops. State whether from Electric Logs or samples.

DEC 16 1961

## HISTORY OF OIL OR GAS WELL

It is of the greatest importance to have a complete history of the well. Please state in detail the dates of redrilling, together with the reasons for the work and its results. If there were any changes made in the casing, state fully, and if any casing was "sidetracked" or left in the well, give its size and location. If the well has been dynamited, give date, size, position, and number of shots. If plugs or bridges were put in to test for water, state kind of material used, position, and results of pumping or bailing.

Started drilling well on October 2, 1961, drilled 13-3/4" hole to 113' and set 111' (K.B.) of 10-3/4" casing. Drilled 9" hole to 3107' and set 7" casing at 3106' (K.B.) Drilled 6 1/2" hole to final total depth of 3820' and ran drill stem test as follows:

### DST No. 1

Interval: 3625 - 3820'

Date: November 13, 1961

Remarks: Opened tool for 5 minutes prior to initial shut in pressure. Shut in for 48 minutes for initial shut in, opened to test with weak blow, increased to strong in 3 minutes and leveled off at fair blow in 8 minutes. Swabbed and recovered 18 1/2 bbls of slightly salty sulphur water and 1 bbl of water-cut drilling mud. Shut tool in for 1 1/2 hours for final shut in.

Corrected Pressures:	Top Gauge	Bottom Gauge
IHP	1789 psi	1882 psi
ICIP	1062	1083
IFP	18 - 121*	28 - 136*
FFP	97 - 900*	111 - 915*
PCIP	1064	1085
FHP	1787	1859

\*pressures taken before swabbing began.

Plugged well on 11/13 & 14/61 with 30 sacks of cement at 3650'. Checked free point on 7" casing and shot & pulled 1250' of 7". Pumped in 40 sacks at 160' and 10 sacks of cement at surface. Installed marker. To fill pits and grade location when pits dry out.

Enclosures: One copy of Schlumberger Gamma Ray - Neutron Log 3823 - 100'

	16	
		01

STATE OF UTAH  
OIL & GAS CONSERVATION COMMISSION  
SALT LAKE CITY, UTAH

Fee and Patented.....  
State .....  
Lease No. **ML 4203**  
Public Domain .....  
Lease No. ....  
Indian .....  
Lease No. ....

## SUNDRY NOTICES AND REPORTS ON WELLS

Notice of Intention to Drill.....		Subsequent Report of Water Shut-off.....	
Notice of Intention to Change Plans.....		Subsequent Report of Altering Casing.....	
Notice of Intention to Redrill or Repair.....		Subsequent Report of Redrilling or Repair.....	
Notice of Intention to Pull or Alter Casing.....		Supplementary Well History.....	
Notice of Intention to Abandon Well.....		<b>Affidavit &amp; Record of Abandonment &amp; Plugging</b> .....	<b>X</b>

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

Well No. 1 is located 1780 ft. from S line and 630 ft. from E line of Sec. 16  
NE SE Sec. 16 T 16 S R 12 E S1M  
(¼ Sec. and Sec. No.) (Twp.) (Range) (Meridian)  
Wildcat Emery Utah  
(Field) (County or Subdivision) (State or Territory)

The elevation of the ~~derick floor~~ Ground above sea level is 5557 feet.

A drilling and plugging bond has been filed with State Land Board.

### DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important work, surface formation, and date anticipate spudding-in.)

Plugged well by placing 30 sacks of cement at 3650', 40 sacks of cement at 160', and 10 sacks of cement at surface, leaving space between cement plugs filled with mud (Wt. 9.7#, Vis 44).

Erected appropriate marker, and cleaned and leveled location.

Casing left in hole: 10-3/4", 32.75# H-40 set at 111' (RKB)  
 7", 20 & 23# set at 3106' (7" casing was shot off and recovered from surface to 1250' RKB)

I understand that this plan of work must receive approval in writing by the Commission before operations may be commenced.

Company Equity Oil Company  
 Address 806 American Oil Building By C. E. Johnson  
Salt Lake City, Utah Title Engineer

INSTRUCTIONS: A plat or map must be attached to this form showing the location of all leases, property lines, drilling and producing wells, within an area of sufficient size so that the Commission may determine whether the location of the well conforms to applicable rules, regulations and orders.

June 14, 1962

Equity Oil Company  
806 American Oil Building  
Salt Lake City, Utah

Attn: C. E. Johnson

Re: Well No. State #1  
Sec. 16, T. 16 S, R. 12 E.,  
Emery County, Utah

Gentlemen:

The above mentioned location was inspected by our petroleum engineer on June 6, 1962, and found it to be marked and satisfactorily cleaned. Therefore, insofar as this office is concerned, the Bond covering said well may now be released.

Very truly yours,

OIL & GAS CONSERVATION COMMISSION

CLEON B. FREIGHT  
EXECUTIVE DIRECTOR

CBF:cn

cc State Land Board  
105 State Capitol Building  
Salt Lake City, Utah